

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MCLAUGHLIN, R. et al.

Serial No. 10/506,468 ✓

Filed: September 3, 2004

Atty. Ref.: 117-521

TC/A.U.:

Examiner:

For: UNSUPERVISED DATA SEGMENTATION

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December 1, 2004

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the documents listed on the attached form PTO-1449. Copies of the six literature articles are attached but not the two U.S. patents.

This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

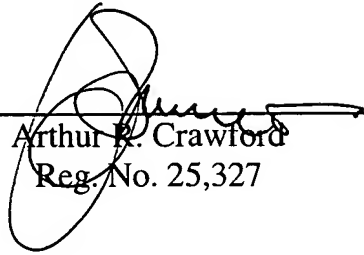
The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached documents have been considered and made of record.

MCLAUGHLIN, R. et al.
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Respectfully submitted,

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By: _____


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**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

117-521

10/506,468

APPLICANT

MCLAUGHLIN, R. et al.

(Use several sheets if necessary)

FILING DATE

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,879,668	11/1989	Cline et al			
	4,710,876	12/1987	Cline et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	W.E. Lorensen and H.E. Cline, "Marching Cubes: A High Resolution 3D Surface Construction Algorithm", <i>Computer Graphics</i> , Vol. 21, No. 3, pp. 163-169, July, 1987.
	R. van der Weide, K. Zuiderveld, W. Mali and M. Viergever, "CTA-based angle selection for diagnostic and interventional angiography of saccular intracranial aneurysms", <i>IEEE Transactions on Medical Imaging</i> , Vol. 17, No. 5, pp. 831-841, 1998.
	D. Wilson, D. Royston, J. Noble and J. Byrne, "Determining X-ray projections for coil treatments of intracranial aneurysms", <i>IEEE Transactions on Medical Imaging</i> , Vol. 18, No. 10, pp. 973-980, 1999.
	Steven L. Horowitz and Theodosios Pavlidis, "Picture Segmentation by a Directed Split-and-Merge Procedure", <i>Second International Joint Conference on Pattern Recognition</i> , pp. 424-433, IEEE, August 1974.
	Rolf Adams and Leanne Bischof, "Seeded Region Growing", <i>IEEE Transactions on Pattern Analysis and Machine-Intelligence</i> , Vol. 16, No. 6, pp. 641-647, June 1994.
	Charles Kervrann and Fabrice Heitz, "A Markov Random Field model-based approach to unsupervised texture segmentation using local and global spatial statistics", Technical Report No. 2062, INRIA, October 1993, available from http://www.inria.fr .

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.